

**I Latin-american Symposium and Training in Biobanking
of the Barretos Cancer Hospital.
May 16th to 17th, 2019.**

Day 1

May 16th, 2019 (Thursday)

08:00 am – 08:30 am – Registration.

08:30 am – 08:40 am – Opening and Welcome.

Rui Manuel Reis, PhD (Barretos Cancer Hospital, Barretos, Brazil).
Executive Diretor.

Márcia Marques Silveira, PhD (Barretos Cancer Hospital, Barretos, Brazil)
Biobank coordinator

08:40 am – 09:00 am - Introduction to BCNET – Mariane Henderson, MS, PhD (National Cancer Institute, USA)

09:00 am – 10:45 am - Session 1.

Importance of Pathology in Biobanking

Aim: Human tissue biobanks provide the foundation for the development of personalized medicine. The pathologist plays a fundamental role in the quality control of collected tissue samples and is a crucial scientific contributor in the research carried out later. In this section will be discussed about the importance of pathologist in Biobanks as an essential part of translational medicine, helping to provide an effective interface between research, development and medical care, especially in the age of precision medicine.

Discussion Leaders: **Antonio Hugo Campos, Md, PhD / Gisele C. de Almeida MD, PhD**

09:00 am – Antonio Huertas Salgado, PhD (Instituto Nacional de Cancerologia, INC, Colombia)

09:30 am – Luz Maria Ruíz Godoy Rivera, PhD (Instituto Nacional de Cancerologia, INCan, México)

10:00 am – Luciano Neder, MD, PhD (FMRP-USP, Brazil)

10:00 am – 10:20 am - Discussion.

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10:20 - 10:50 – Coffee + Poster Evaluation

10:50 am –12:40 pm - Session 2

Quality management of biological samples for molecular downstream analysis.

Aim: Biobanks provide a window of opportunity to store and add value to material from rare cases allowing their future use in biomedical research. Variable biospecimen collection, processing, and storage practices may introduce variability in biospecimen quality and analytical results. In this section will present some aspects about challenges and strategies to ensure a quality of samples for molecular analysis (standardization of biospecimen and handling procedures).

Discussion Leaders: Rui Manuel Reis, PhD / Henrique Silveira, PhD

10:50 – 11:20 am – Elodie Caboux, PhD (*IARC, France*)

11:20 – 11:50 am– Julie M. Gastier-Foster, PhD (*Biospecimen Core Resource Nationwide Children's Hospital, USA*)

11:50 – 12:20 pm - Márcia Marques Silveira, PhD (*Barretos Cancer Hospital -BCH, Brazil*)

12:20 pm – 12:40 pm - Discussion.

12:40 pm – 13:10 – technical Lecture NorayBio (Maria Lacalle, Spain)

13:10 pm – 14:30 – Lunch

14:30 pm – 16:20 pm - Session 3.

Ethical and Legal Aspects in Biobanking

Aim: A worldwide concern has been the creation of a harmonized biobanks network that respects the ethical, legal and technical precepts of the member countries. In this context is important to highlight international discussions about the importance of the feasibility of cooperation between national and international institutions as well the need to harmonize the recommendations with regard to language standards, forms of

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communication as well as a unique terminology for designation of human biological materials. This section will discuss some guidelines for informed consent in Brazil and Latin American.

Discussion Leaders: Antonio Hugo Campos, MD, PhD / Rodrigo Panepucci, PhD

14:30 – 15:00 pm – Paulo França, (CONEP, Brazil)

15:00 – 15:30 pm – Gustavo Stefanoffi, PhD (INCA,Brazil)

15:30 – 16:00 pm – Mariane Henderson, MS,PhD (NCI,USA)

16:00 pm – 16:20 pm - Discussion.

Day 2

May 17th, 2019 (Friday)

09:00 am –10:00 am - Session 4. (Practical Session)

Ensuring quality in biobank

09:00 am - 10:00 am - Practical session (A) Pathology Lab Orientation.

Chair: Mariane Henderson, MS, PhD, (NCI, USA)/ Gisele C de Almeida, MD (BCH, Brazil)

1. Sample collection and annotation (surgical specimens and biopsy samples).
2. Detailed records of the timing of events from excision.

10:00 am - 11:00 am - Practical session (B) Biobank orientation.

Chair: Elodie Caubox (IARC, France)/ Márcia M. Silveira, PhD (BCH, Brazil)

1. Challenges and strategies to use biological samples to research.
2. Quality control of samples management (infrastructure and storage facilities)
3. Overview of data associated with samples.

11:00 am -12:00 – Practical session (C) Ethical and legal aspects to Biobanking

Chair: Mariane Henderson, MS, PhD, (NCI,USA)/ /Gustavo Stefanoffi, PhD (INCA,Brazil)

1. Biobank guidelines related to the use of biological samples for research.

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2. Inform consent templates and data transfer agreement (MTA).

12:00 pm – 12:10 pm - **Award of Posters**

12:10 -12:20 pm -Closure

12:20 -13:20 -Tour of the Biobank and Molecular Oncology Research Center (CPOM)

REGISTRATION

- **Professional and PhD – R\$ 250,00**
- **Post graduate students – R\$ 200,00**
- **Under graduate Students – R\$ 150,00**
- **Collaborators at the Barretos Cancer Hospital - R\$ 150,00**

Cancellation deadline of registration - seven days